

## GMIC-CP

### Dante microphone with control panel



#### PRODUCT OVERVIEW

The **GMIC-CP** is a professional-grade Dante-enabled microphone that integrates a smart control panel for seamless operation. Featuring a 7-inch Android touch screen as its intuitive interface, it combines advanced audio technology with user-friendly functionality.

With a built-in microphone pre-amplifier module and digital audio transmission, the GMIC-CP ensures high-fidelity sound quality and stable signal delivery. Its versatile design supports a wide range of applications, making it ideal for conferences, boardrooms, control rooms, and command centers.

Engineered to meet the most demanding requirements for sound clarity and network stability, the GMIC-CP delivers reliable performance in any professional communication environment.

#### KEY FEATURES

- **7-inch Android Touch Screen:** Provides an intuitive control interface with customizable UI design based on the processor.
- **Customizable Interface:** Supports importing personalized user interfaces for flexible operation.
- **Web Browser & App Support:** Enables convenient control and system monitoring via Web browsers and dedicated applications.
- **Flexible Signal Output:** Rear panel source dial allows switching between Analog and Digital (Dante) outputs.
- **Dual Signal Handling:** In analog mode, outputs via line-out; in digital mode, delivers Dante audio while allowing analog input as Dante receive signal.
- **Built-in Microphone Pre-amplifier:** Ensures clear, professional-quality sound pickup.
- **Stable Digital Transmission:** Guarantees reliable audio delivery in mission-critical applications.
- **Versatile Applications :** Ideal for conferences, boardrooms, command centers, and control rooms.

#### APPLICATIONS

- Boardrooms
- Classrooms
- Auditorium

## TECHNICAL SPECIFICATIONS

### System Specifications

Operating System	Android 10.0
Display	7" RGB Touch Screen, 1024 × 600 resolution
Processor	A133, 1.6GHz Cortex-A53, Quad-core, 64-bit
RAM	2 GB
Storage	16 GB
User Interface	Supports Web browser and App control; customizable user interface import

### Technical Specifications

Microphone Type	Condenser gooseneck microphone with phantom power (48V)
Microphone Pre-Amp	0–30 dB gain (1 dB step), adjustable via back-panel knob
Polar Pattern	Hypercardioid
Frequency Response	20 Hz – 20 kHz (0 / -0.6 dB)
Maximum Output Level	+13 dBu
Microphone Sensitivity	-40 dB (1V / 1Pa)
Sampling Rate	48 kHz
THD+N	< 0.05%
Input Dynamic Range	96 dB
Output Dynamic Range	96 dB
Signal-to-Noise Ratio (SNR)	≥ 90 dB
Output Impedance	100 Ω balanced

### Audio & Connectivity

Dante Channels	1 x 1 (Tx/Rx)
Analog Output	1 × Balanced output (source-selectable: Analog or Dante)
Signal Output Selection A Mode (Analog) D Mode (Digital)	Output via rear-panel line-out Output via Dante; analog interface functions as Dante receive signal
Paging Modes: Mode 1 (Press-to-Talk) Mode 2 (Lock Mode)	Press and hold mic button to speak Triple-tap to lock, allowing hands-free paging

### Mechanical Specifications

Form Factor	Desktop paging station with gooseneck microphone
Construction	Metal housing with 7" capacitive touch screen
Power Supply	12V DC input PoE (Power over Ethernet)
Dual Power Function	Supports simultaneous DC + PoE for main/backup redundancy